

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****(Case No. API-02-14-US)****In The Application of:****Barban, et al.****Serial No.: 10/735,064****Filed: 12 DEC 2003****For: PRODUCTION OF ALVAC ON AVIAN
EMBRYONIC STEM CELLS**

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) **Examiner: Stacy Brown Chen**
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) **Art Unit: 1648**
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Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

U.S. Express Mail No. EB080505036US

Dear Sir:

Applicants respectfully submit this Information Disclosure Statement (IDS), PTO-1449 and copies of the reference cited therein. As this IDS is being filed under 37 CFR 1.97(c), Applicants hereby authorize the Commissioner to deduct the fee required under 37 CFR 1.17(p) (\$180.00) from Deposit Account No. 50-0244. This IDS is in compliance with the duty of candor as set forth in 37 C.F.R. § 1.56. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing of the present application.

In the judgment of the undersigned, portions of the references may be material to the examination of the pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. §102 or §103.

CITED REFERENCES

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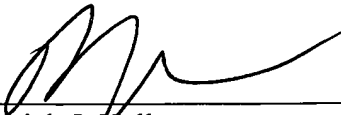
Other Documents:

1. Azuma, et al. Functional expression of B7/BB1 on Activated T lymphocytes. J. Exp. Med. 177: 845-850 (1993)
2. Bill Snow. Bay Area Reporter, National Institutes of Health: ALVAC Prime and Boost, HIV Vaccine Handbook, Approaches, 1998, pp. 201-208.
3. Pain, et al. Long-term in vitro culture and characterization of avian embryonic stem cells with multiple morphogenetic potentialities. Development, Vol. 122, pp. 2339-2348 (1996)
4. Petite, et al. Avian pluripotent stem cells. Mechanisms of Development, 121: 1159-1168 (2004)
5. Horiuchi, et al. Chicken Leukemia Factor Maintains Chicken Embryonic Stem Cells in the Undifferentiated State. J. Biol. Chem. 279(4): 24514-24520 (2004)

Respectfully Submitted,

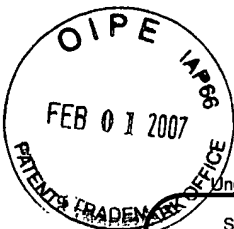
Date: 02/01/2007

By:



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PTO/SB/08A (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/735,064
Filing Date	12/12/2003
First Named Inventor	V. Barban
Art Unit	1648
Examiner Name	Stacy Brown Chen
Attorney Docket Number	API-02-14-US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5162215	11-10-1992	Bosselman, et al.	Entire document
		US- 5340740	08-23-1994	Petitte, et al.	Entire document
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		EP 338807 B1	04-18-1989	Immuno Aktiengesellschaft	Entire document	

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		Application Number	10/735,064
		Filing Date	12/12/2003
		First Named Inventor	V. Barban
		Art Unit	1648
		Examiner Name	Stacy Brown Chen
		Attorney Docket Number	API-02-14-US
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Azuma, et al. Functional expression of B7/BB1 on Activated T lymphocytes. J. Exp. Med. 177: 845-850 (1993)	
		Bill Snow. Bay Area Reporter, National Institutes of Health: ALVAC Prime and Boost, HIV Vaccine Handbook, Approaches, 1998, pp. 201-208.	
		Pain, et al. Long-term in vitro culture and characterization of avian embryonic stem cells with multiple morphogenetic potentialities. Development, Vol. 122, pp. 2339-234	
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Examiner Signature		Date Considered	
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